

AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1. (Currently Amended) A method of inducing new hair growth or retarding hair loss, comprising:

administering to a subject in need thereof ~~substance P~~ or a bioactive analog ~~thereof~~ of substance P selected from the group consisting of [Met-OH¹¹]-substance P, [Met-OMe¹¹]-substance P, [Nle¹¹]-substance P, [Pro⁹]-substance P, [Sar⁹]-substance P, [Tyr⁸]-substance P, [p-Cl-Phe^{7,8}]-substance P, [Sar⁹,Met(O₂)¹¹]-substance P, and analogs having the amino acid backbone RPKPQQFFGLM-NH₂, whereby new hair growth is induced or hair loss is retarded.
2. (Currently Amended) The method of claim 1 wherein the subject's ~~lost~~ hair loss is due to chemotherapy.
3. (Currently Amended) The method of claim 1 wherein the subject's ~~lost~~ hair loss is due to radiation exposure.
4. (Currently Amended) The method of claim 1 wherein the subject's ~~lost~~ hair loss is due to illness.
5. (Canceled).
6. (Currently Amended) The method of claim ~~5~~ 1 wherein the bioactive analogue is [Sar⁹, Met(O₂)¹¹]-substance P.
7. (Currently Amended) The method of claim 1 wherein the ~~substance P analog or~~ bioactive analog is administered as an aerosol.
8. (Currently Amended) The method of claim 7 wherein the concentration of ~~substance P or the bioactive analogue~~ in the administered aerosol is between 0.001 and 50 μ M.
9. (Currently Amended) The method of claim 7 wherein the concentration of ~~substance P or the bioactive analogue~~ in the administered aerosol is between 0.05 and 10 μ M.
10. (Currently Amended) The method of claim 7 wherein the concentration of ~~substance P or the bioactive analogue~~ in the administered aerosol is between about 0.1 and 5 μ M.
11. (Currently Amended) The method of claim 1 wherein the ~~substance P or~~ bioactive analog is administered topically.

12. (Currently Amended) The method of claim 1 wherein the ~~substance P~~ or bioactive analog is administered subcutaneously.
13. (Currently Amended) The method of claim 1 wherein the ~~substance P~~ or bioactive analog is administered transdermally.
- 14-15. (Canceled).